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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT : Ryazanov, A.

SERIAL NO. : 09/832,292 EXAMINER : Hutson, Richard G.
FILED : April 10, 2003 ART UNIT : 1652

FOR : MAMMALIAN ALPHA KINASE PROTEINS, NUCLEIC ACIDS
AND DIAGNOSTIC AND THERAPEUTIC USES THEREOF

CERTIFICATE OF MAILING UNDER 37 CFR 1.8

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(Name of Registered Representative)

Betty Schutz 6/10/03
(Signature and Date)

AMENDMENT

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Dear Sir:

In response to the communication dated March 11, 2003, due for response June 11, 2003, please consider the following amendments and remarks.